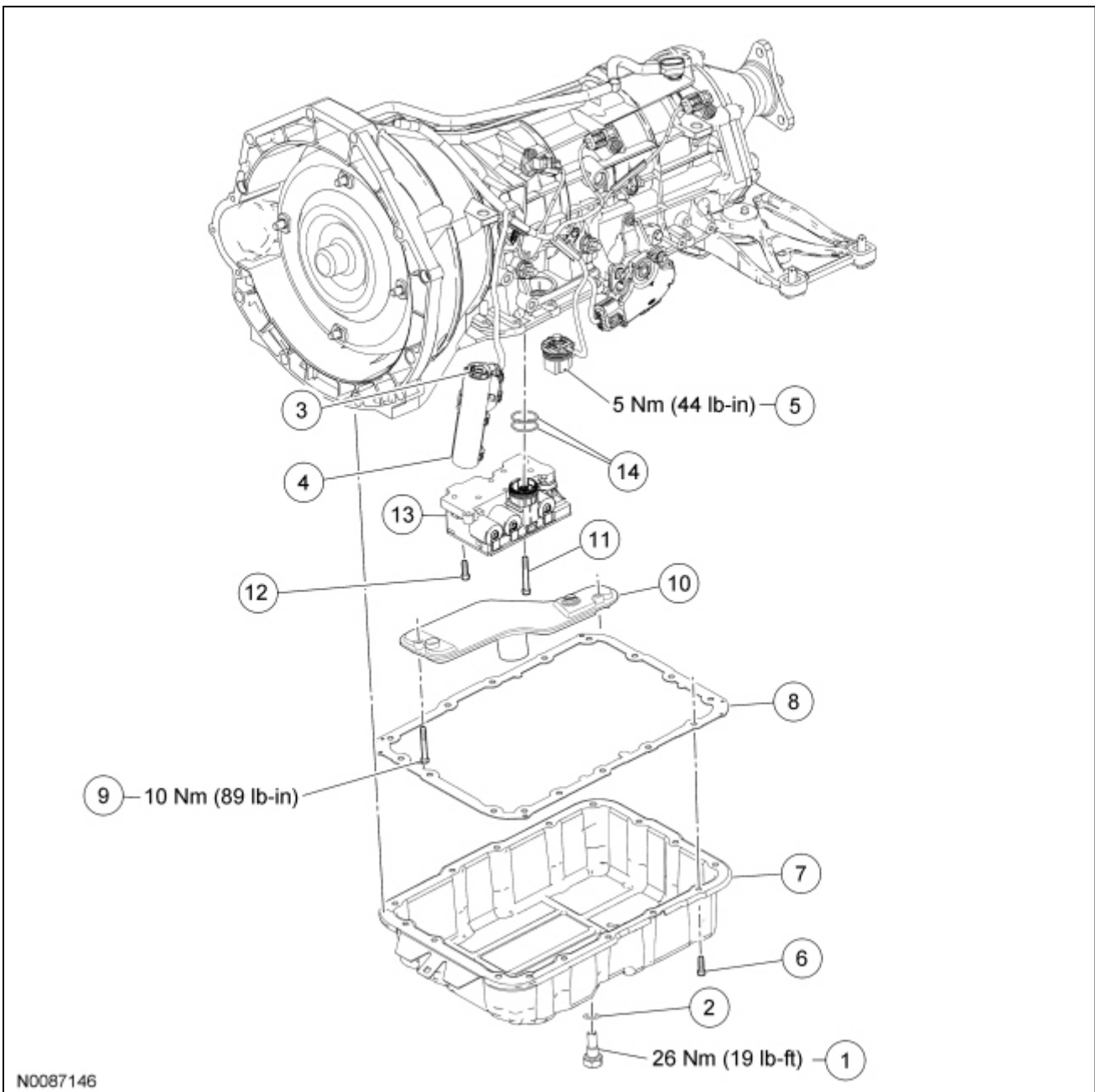


Solenoid Body Assembly

Material

Item	Specification
MERCON® V Automatic Transmission Fluid XT-5-QM (or XT-5-QMC) (US); CXT-5-LM12 (Canada)	MERCON® V

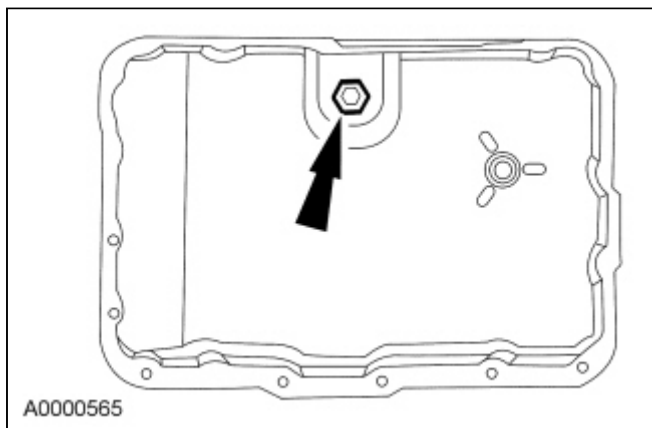


Item	Part Number	Description
1	7A010	Transmission fluid pan drain plug
2	6734	Transmission fluid pan drain plug gasket

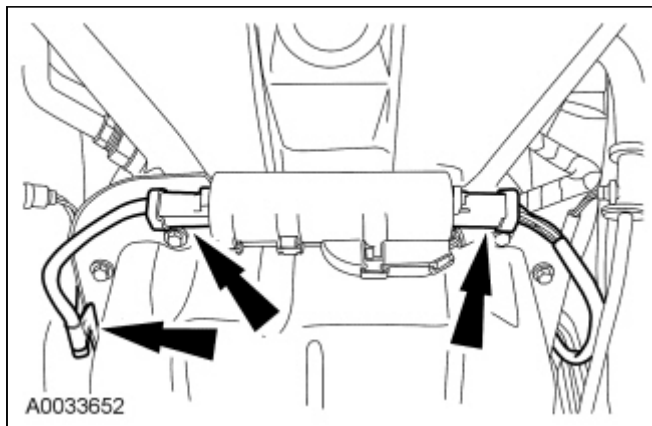
3	—	Heated Oxygen Sensor (HO2S) connector (part of 9F472)
4	—	HO2S connector retainer
5	7E395	Transmission vehicle harness connector
6	W500213	Transmission fluid pan screw
7	7A194	Transmission fluid pan
8	7A191	Transmission fluid pan gasket
9	W70559	Transmission fluid pan filter screw
10	7A098	Transmission fluid pan filter
11	W703189	Transmission control solenoid body screw (7 required)
12	W702921	Transmission control solenoid body screw
13	7G391	Transmission control solenoid body
14	W705928	Solenoid body connector O-ring seals

Removal

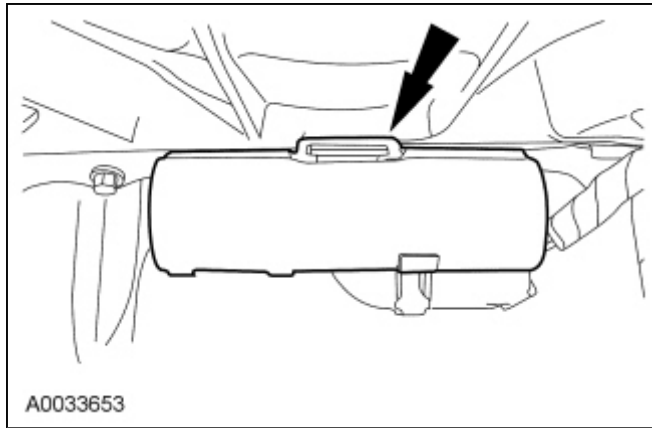
1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to [Section 100-02](#).
2. Remove the transmission fluid pan drain plug and drain the transmission fluid.
 - Discard the transmission fluid drain plug gasket.



3. Disconnect the Heated Oxygen Sensor (HO2S) connectors and retaining clip from the RH transmission fluid pan rail and then position the connectors aside.

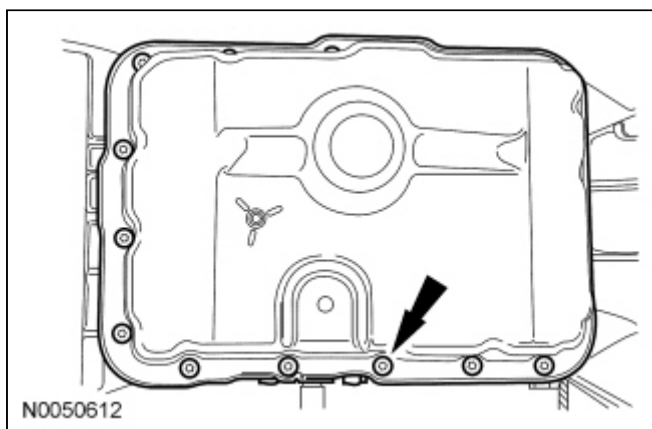


4. Remove the [HO2S](#) connector from the front of the transmission fluid pan rail.



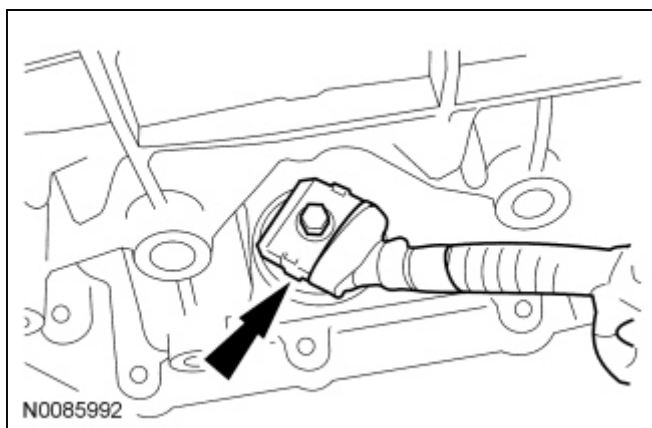
5. **NOTE:** The transmission fluid pan gasket is reusable, clean and inspect for damage. If not damaged, the transmission fluid pan gasket should be reused.

Remove the transmission fluid pan screws, transmission fluid pan gasket and transmission fluid pan.



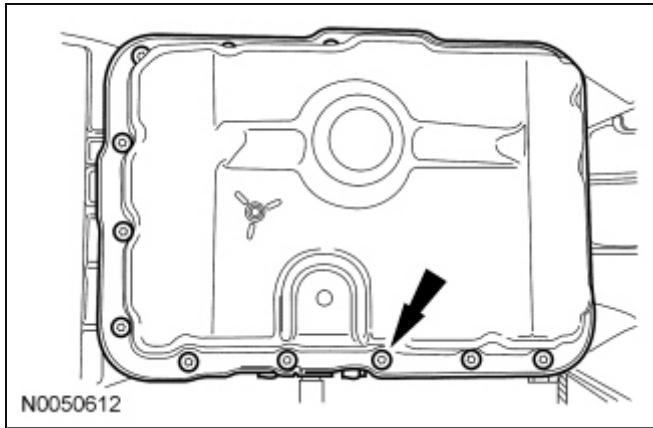
6. **NOTE:** Clean the area around the solenoid body connector to prevent contamination.

Disconnect the transmission vehicle harness connector.

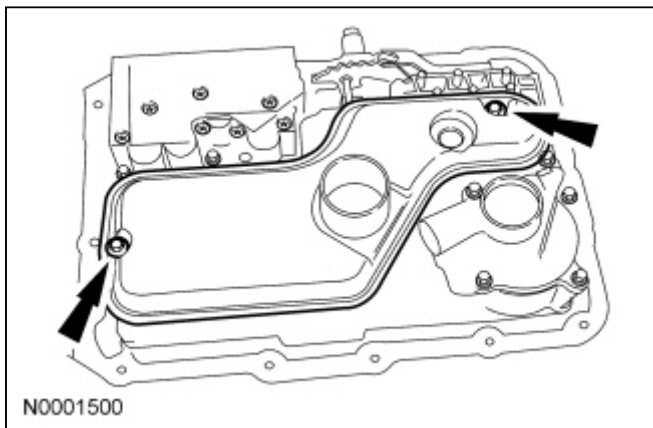


7. **NOTE:** The transmission fluid pan gasket is reusable. Clean and inspect the gasket for damage. If not damaged, the transmission fluid pan gasket should be reused.

Remove the transmission fluid pan and transmission fluid pan gasket.

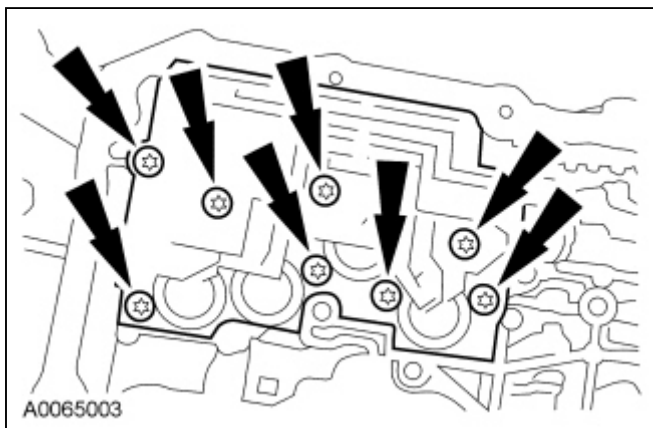


8. Remove the transmission fluid filter.



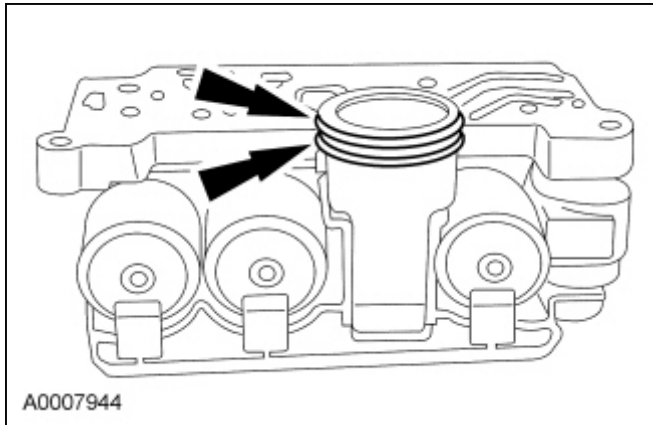
9. **NOTICE:** Do not damage the transmission control solenoid body connector pins.

Remove the transmission control solenoid body screws and remove the transmission control solenoid body by lifting on the body and pushing the connector from the other side of the case.



Installation

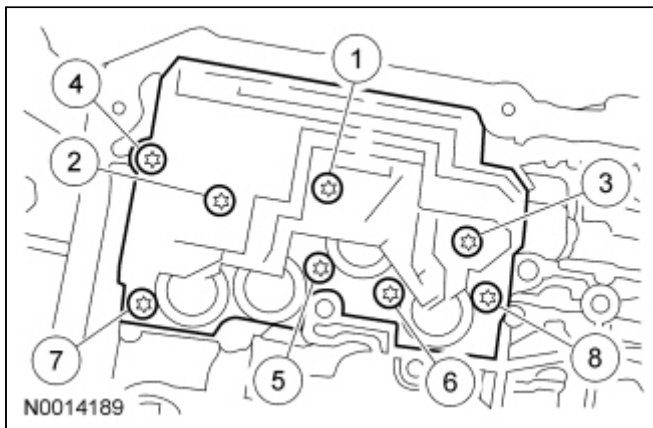
1. Install new O-ring seals on the transmission control solenoid body connector. Lubricate the O-ring seals with automatic transmission fluid.



2. **NOTICE:** Inspect the transmission case bore to make sure it is free of foreign material and not damaged. If damaged, a transmission leak may occur.

Install the transmission control solenoid body. Tighten the screws in the sequence shown.

- Tighten to 8 Nm (71 lb-in).

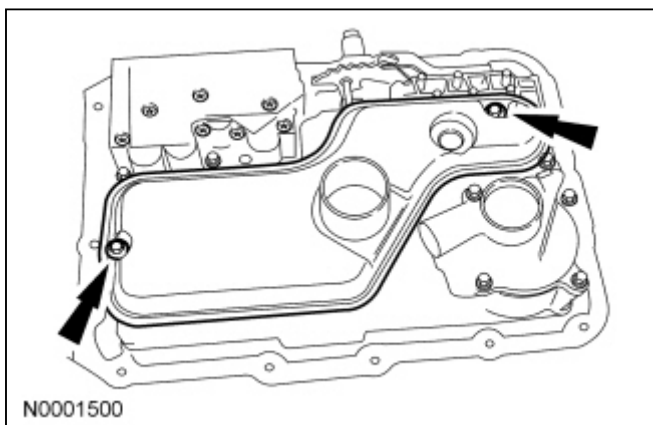


3. **NOTICE:** Lubricate the transmission fluid pan filter seals with automatic transmission fluid or they may be damaged.

NOTE: Make sure the transmission fluid pan filter seals are correctly seated on the filter.

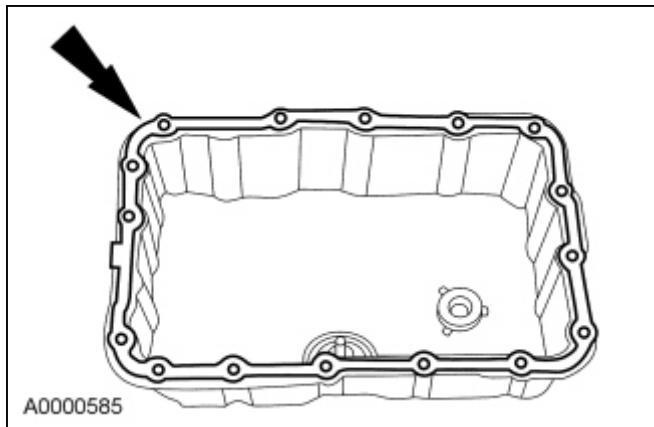
Lubricate the transmission fluid pan filter seals and install the transmission fluid pan filter.

- Tighten to 10 Nm (89 lb-in).

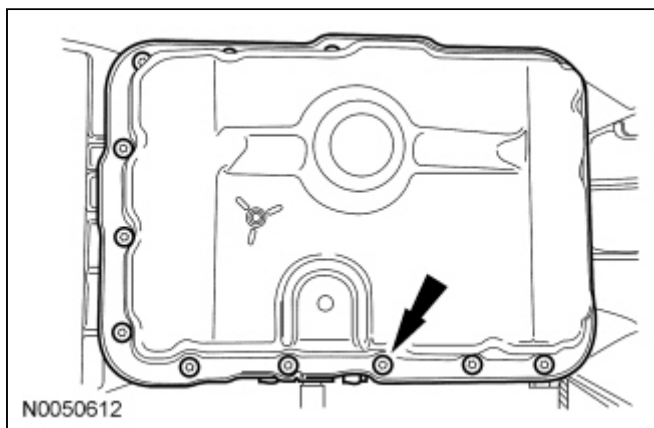


4. **NOTE:** The transmission fluid pan gasket is reusable, clean and inspect for damage. If not damaged, the transmission fluid pan gasket should be reused.

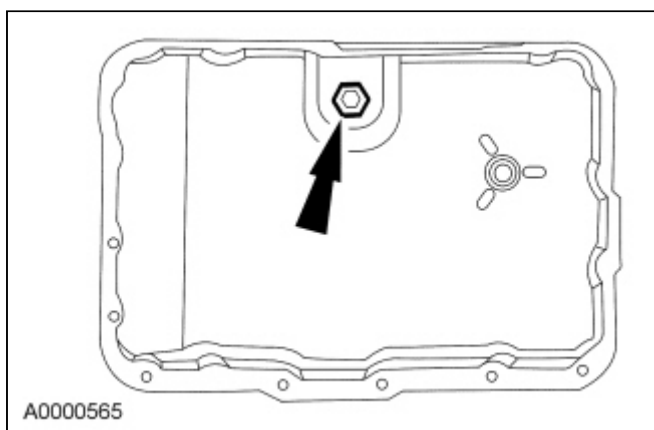
Install the transmission fluid pan gasket on the transmission fluid pan.



5. Install the transmission fluid pan and tighten the screws in a crisscross sequence.
 - Tighten to 11 Nm (97 lb-in).



6. Install the transmission fluid pan drain plug.
 - Install a new transmission fluid pan gasket onto the transmission fluid pan drain plug.
 - Tighten to 26 Nm (19 lb-ft).



7. **NOTICE:** Damage will occur to the transmission vehicle harness connector if the screw is tightened above specification.

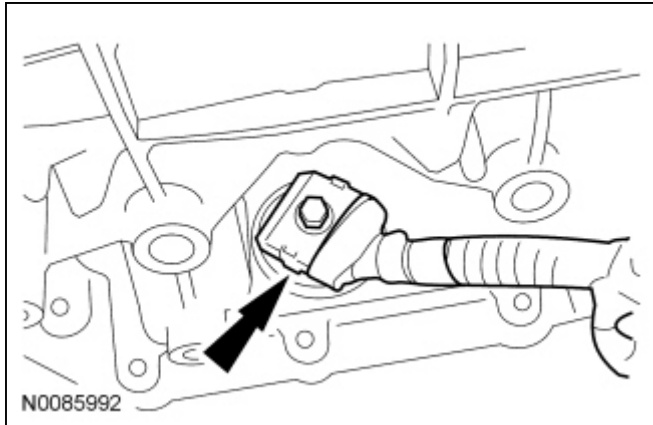
NOTE: Always install new O-ring seals on the transmission vehicle harness connector.

NOTE: Clean the area around the connector to prevent contamination of the solenoid body connector.

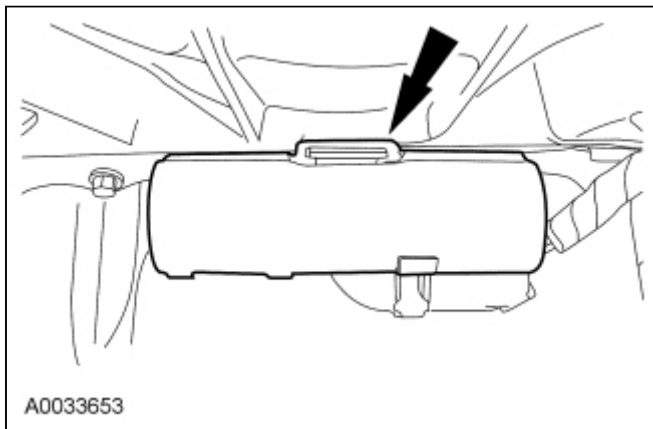
NOTE: Use petroleum jelly to lubricate the O-ring seals to aid in the installation process.

Install and lubricate new O-ring seals on the transmission vehicle harness connector and connect the connector.

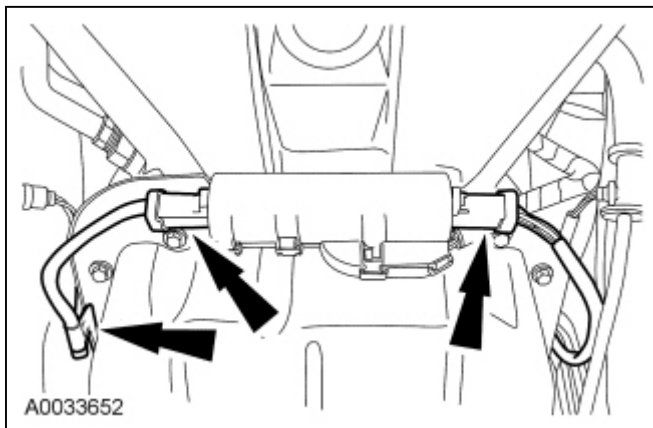
- Tighten to 5 Nm (44 lb-in).



8. Install the [HO2S](#) connector to the front of the transmission fluid pan rail.



9. Connect the [HO2S](#) connector and install the sensor wire retaining clip to the RH side of the transmission fluid pan rail.



10. Fill the transmission to the correct level. For additional information, refer to [Transmission Fluid Drain and Refill — Automated Equipment](#) or [Transmission Fluid Level Check](#) in this section.
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